



PTO/SB/08a/b (07-05)

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	10/695,243
				Filing Date	October 27, 2003
				First Named Inventor	Stephen Hamilton
				Art Unit	1636
				Examiner Name	David Guzo
Sheet	1	of	1	Attorney Docket Number	GF1/109 CIP

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
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DG	BO	WO 01/36432	05-25-2001	Human Genome Sciences, Inc.		
DG	BP	WO 01/60860	08-23-2001	Millennium Predictive Medicine, Inc.		
DG	BQ	WO 02/97060	12-05-2002	Incyte Genomics, Inc.		
DG	BR	WO 03/25148	03-27-2003	Hyseq, Inc.		

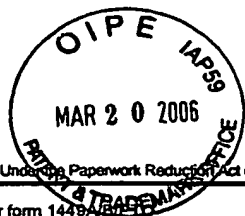
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NON PATENT LITERATURE DOCUMENTS			
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DG	CY5	Spiro, "Glucose residues as key determinants in the biosynthesis and quality control of glycoproteins with N-linked oligosaccharides" Journal of Biological Chemistry, 275(46):35657-35660 (2000).	

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DG	AA	4,414,329	11-08-1983	Wegner	
	AB	4,617,274	10-14-1986	Wegner	
	AC	4,683,293	07-28-1987	Craig	
	AD	4,775,622	10-04-1988	Hitzeman et al.	
	AE	4,808,537	02-28-1989	Stroman et al.	
	AF	4,812,405	03-14-1989	Lair et al.	
	AG	4,818,700	04-04-1989	Cregg et al.	
	AH	4,837,148	06-06-1989	Cregg	
	AI	4,855,231	08-08-1989	Stroman et al.	
	AJ	4,857,467	08-15-1989	Sreekrishna et al.	
	AK	4,879,231	11-07-1989	Stroman et al.	
	AL	4,882,279	11-21-1989	Cregg	
	AM	4,885,242	12-05-1989	Cregg	
	AN	4,925,796	05-15-1990	Bergh et al.	
	AO	4,929,555	05-29-1990	Cregg et al.	
	AP	4,935,349	06-19-1990	McKnight et al.	
	AQ	5,002,876	03-26-1991	Sreekrishna et al.	
	AR	5,004,688	04-02-1991	Craig et al.	
	AS	5,032,516	07-16-1991	Cregg	
	AT	5,032,519	07-16-1991	Paulson et al.	
	AU	5,047,335	09-10-1991	Paulson et al.	
	AV	5,122,465	06-16-1992	Cregg et al.	
	AW	5,135,854	08-04-1992	MacKay et al.	
	AX	5,166,329	11-24-1992	Cregg	
	AY	5,324,663	06-28-1994	Lowe	
	AZ	5,595,900	01-21-1997	Lowe	
	AA1	5,602,003	02-11-1997	Pierse et al.	
	AB1	5,707,828	01-13-1998	Sreekrishna et al.	
	AC1	5,766,910	06-16-1998	Fukuda et al.	
	AD1	5,834,251	11-10-1998	Maras et al.	
	AE1	5,849,904	12-15-1998	Gerardy-Schahn et al.	
	AF1	5,854,018	12-29-1998	Hitzemane et al.	
	AG1	5,861,293	01-19-1999	Kojiri et al.	
	AH1	5,910,570	06-08-1999	Elhammer et al.	
	AI1	5,945,314	08-31-1999	Prieto et al.	
	AJ1	5,945,322	08-31-1999	Gotschlich	
	AK1	5,955,347	09-21-1999	Lowe	
	AL1	5,955,422	09-21-1999	Lin	
	AM1	5,962,294	10-05-1999	Paulson et al.	
	AN1	6,069,235	05-30-2000	Davis et al.	
	AO1	6,017,743	01-25-2000	Tsui et al.	
DG	AP1	6,096,512	08-01-2000	Elhammer et al.	

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DG	AQ1	6,204,431	03-20-2001	Prieto et al.	
DG	AR1	6,300,113	10-09-2001	Landry	

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DG	BA**	EP 0 905 232 A1	03-31-1999	Kirin Beer Kabushiki Kaisha		
	BB**	EP 1 054 062 A1	11-22-2000	Kyowa Hakko Kogyo Co., Ltd.		
	BC**	EP 1 211 310 A	06-05-2002	Kainuma Mam		
	BD**	WO 96/21038 A	07-11-1996	Maras Marleen, et al		
	BE**	WO 98/05768	02-12-1998	The Austin Research Institute		
	BF**	WO 99/31224	06-24-1999	National Research Council of Canada		
	BG**	WO 99/54342	10-28-1999	Umana et al.		
	BH**	WO 01/14522 A1	03-01-2001	Kirin Brewery et al.		
	BI**	WO 01/25406	04-12-2001	University of Victoria Innovation & Development Corp.		
	BJ**	WO 02/00856	01-01-2002	Flanders Interuniversity Institute for Biotechnology		
	BK**	WO 02/00879	01-03-02	Glycofi Inc.		
	BL**	WO 03/031464 A	4-17-2003	Chen Xi, et al		
	BM**	WO 04/003194 A	01-08-2004	Flanders Interuniversity Inst		
DG	BN**	JP 8-336387	12-24-1996	Murakami Koji et al.		

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DG	CA**	Abeijon et al., "Molecular Cloning of the Golgi apparatus uridine diphosphate-N-acetylglucosamine transporter from <i>Kluyveromyces lactis</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 93:5963-5968 (1996).	
DG	CB**	Adachi et al., "Mus Musculus Adult Male Testis cDNA, Riken full length enriched library, clone: 4931438M07 product: mannosidase 2, alpha 2, full insert sequence" XP002293645, Database accession no. AK029913 Abstract, Database EMBL, December 21, 2002	

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DG	CC**	Alani et al., "A Method for Gene Disruption that Allows Repeated Use of URA3 Selection in the Construction of Multiply Disrupted Yeast Strains," <i>Genetics</i> 116, 541-545, August, 1987.	
DG	CD**	Altman et al., "Processing of Asparagine-linked Oligosaccharides in Insect Cells: Evidence for Alpha-Mannosidase II," <i>Glycoconj. J</i> 12(2):150-155 (1995).	
DG	CE**	Altman et al., "Insect cells as hosts for the expression of recombinant glycoproteins," <i>Glycoconj. J.</i> 16(2):109-123 (1999).	
DG	CF**	Andersen et al., "The Effect of Cell-Culture Conditions on the Oligosaccharide Structures of Secreted Glycoproteins," <i>Curr Opin Biotechnol</i> , 5(5):546-549, October 1994.	
DG	CG**	Aoki et al., "Expression and activity of chimeric molecules between human UDP-galactose transporter and CMP-sialic acid transporter," <i>J. Biochem. (Tokyo)</i> , 126(5):940-50, November, 1999.	
DG	CH**	Bardor et al., "Analysis of the N-glycosylation of recombinant glycoproteins produced in transgenic plants," <i>Trends in Plant Science</i> 4(9): 376-380 (1999)	
DG	CI	Bause and Burbach, "Purification and Enzymatic Properties of Endo- α 1,2-Mannosidase from Pig Liver Involved in Oligosaccharide Processing," <i>Biol. Chem.</i> 377:639-646 (1996)	
DG	CJ**	Beaudet et al., "High-level expression of mouse Mdr3 P-glycoprotein in yeast <i>Pichia pastoris</i> and characterization of ATPase activity," <i>Methods Enzymol</i> 292: 397-413 (1998)	
DG	CK**	Berka et al., "The Filamentous Fungus <i>Aspergillus-Niger</i> Var <i>Awamori</i> as Host for the Expression and Secretion of Fungal and Non-Fungal Heterologous Proteins," <i>Abstr Papers Amer Chem Soc</i> 203: 121-BIOT (1992)	
DG	CL**	Berninsone et al., "The Golgi Guanosine Diphosphatase is Required For Transport of GDP-Mannose Into the Lumen of <i>Saccharomyces cerevisiae</i> Golgi Vesicles," <i>J. Biol. Chem.</i> , 269(1):207-211, January, 1994.	
DG	CM**	Berninsone et al., "Regulation of yeast Golgi glycosylation. Guanosine diphosphatase functions as a homodimer in the membrane," <i>J. Biol. Chem</i> 270(24): 14564-14567 (1995).	
DG	CN**	Berninsone et al., "Functional Expression of the Murine Golgi CMP-Sialic Acid Transporter in <i>Saccharomyces cerevisiae</i> ," <i>J. Biol. Chem.</i> 272(19):12616-12619, May, 1997.	

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DG	CO**	Bianchi et al., "Transformation of the yeast <i>Kluyveromyces lactis</i> by new vectors derived from the 1.6 μ m circular plasmid pKD1," <i>Current Genetics</i> , 12:185-192, 1987.	
DG	CP**	Boehm et al., "Disruption of the KEX1 Gene in <i>Pichia Pastoris</i> Allows Expression of Full-Length Murine and Human Endostatin," <i>Yeast</i> , 15:563-572 (1999).	
DG	CQ**	Bonneaud et al., "A family of low and high copy replicative, integrative and single-stranded S. cerevisiae/E. coli shuttle vectors," <i>Yeast</i> 7(6): 609-615 (1991).	
DG	CR	Boutin, "Myristoylation," <i>Cell. Signal.</i> 9(1):15-35 (1997)	
DG	CS**	Bretthauer et al., "Glycosylation of <i>Pichia pastoris</i> -derived proteins," <i>Biotechnol Appl Biochem</i> 30(Pt 3): 193-200 (1999).	
DG	CT**	Bretthauer et al., "Genetic engineering of <i>Pichia pastoris</i> to humanize N-glycosylation of proteins," <i>TRENDS in Biochem</i> , 21(11): 459-462 (2003).	
DG	CU**	Brockhausen et al., "Control of glycoprotein synthesis. The use of oligosaccharide substrates and HPLC to study the sequential pathway for N-acetylglucosaminyltransferases I, II, III, IV, V and VI in the biosynthesis of highly branched N-glycans by hen oviduct membranes," <i>Biochem. Cell Biol.</i> 66:1134-1151 (1988).	
DG	CV**	Callewaert et al., "Use of HDEL-Tagged <i>Trichoderma reesei</i> Mannosyl Oligosaccharide 1,2 α -D-Mannosidase for N-glycan Engineering in <i>Pichia pastoris</i> ," <i>FEBS Letters</i> , 503(2-3):173-8, 2001.	
DG	CW**	Cereghino et al., "Heterologous protein expression in the methylotrophic yeast <i>Pichia pastoris</i> ," <i>FEMS Microbiology Reviews</i> , 24(1): 45-66 (2000).	
DG	CX**	Cereghino et al., "New selectable marker/auxotrophic host strain combinations for molecular genetic manipulation of <i>Pichia pastoris</i> ," <i>Gene</i> , 263:159-169 (2001).	
DG	CY**	Chandrasekaran et al., "Purification and Properties of Alpha-D-Mannose:beta-1,2-N-acetylglucosaminyl-transferases and alpha-D-Mannosidases from Human Adenocarcinoma," <i>Cancer Res.</i> , 44(9):4059-68, September, 1984.	
DG	CZ**	Chiba et al., "Production of Human Compatible High Mannose-type (Man ₅ GlcNAc ₂) Sugar Chains in <i>Saccharomyces cerevisiae</i> ," <i>J. Biol. Chem.</i> , 273(41):26298-26304, October, 1998.	
DG	CA1**	Choi et al., "Use of combinatorial genetic libraries to humanize N-linked glycosylation in the yeast <i>Pichia pastoris</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 100(9):5022-5027, April, 2003.	

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DG	CB1**	Chui et al., "Genetic Remodeling of Protein Glycosylation <i>in vivo</i> Induces Autoimmune Disease," <i>Proc. Natl. Acad. Sci.</i> , USA 98:1142-1147, January, 2001.	
DG	CC1**	Chui et al., "Alpha-mannosidase-II Deficiency Results in Dyserythropoiesis and Unveils and Alternate Pathway in Oligosaccharide Biosynthesis," <i>Cell</i> , 1997 July 11; 90(1):157-67.	
DG	CD1**	Daniel et al, "Mammalian Alpha-Mannosidases—Multiple Forms but a Common Purpose?", <i>Glycobiology</i> , 4, 551-566, October 1994.	
DG	CE1**	Davidson et al., "A PCR-Based Strategy to Generate Integrative Targeting Alleles With Large Regions of Homology," <i>Microbiology</i> , 148 (Pt 8):2607-15).	
DG	CF1	Dempski and Imperiali, "Oligosaccharyl transferase: gatekeeper to the secretory pathway," <i>Curr. Opin. in Chem. Biol.</i> 6:844-850 (2002)	
DG	CG1**	Dente, "Human alpha-1-acid glycoprotein genes," <i>Prog. Clin. Biol. Res</i> 300:85-98 (1989).	
DG	CH1**	Duvet et al., "Cytosolic Deglycosylation Process of Newly Synthesized Glycoproteins Generates Oligomannosides Possessing One GlcNAc Residue at the Reducing End," <i>Biochem J.</i> , 335, 1998, 389-396.	
DG	CI1**	Eades et al., "Characterization of the Class I alpha-Mannosidase Gene Family in the Filamentous Fungus <i>Aspergillus Nidulans</i> ," <i>Gene</i> , 2000, Sept 5; 255(1):25-34.	
DG	CJ1**	Eckhardt et al., "Molecular Cloning of the Hamster CMP-Sialic Acid Transporter," <i>Eur. J. Biochem.</i> , 248(1):187-192 (1997).	
DG	CK1**	Foster et al., "Cloning and Sequence Analysis of GmII, a <i>Drosophila</i> <i>Melanogaster</i> Homologue of the cDNA Encoding Murine Golgi alpha-Mannosidase II," <i>Gene</i> 154 (1995) 183-186.	
DG	CL1**	Gleeson, Paul A. "Targeting of Proteins to the Golgi Apparatus," <i>Histochem. Cell Biol.</i> , 109:517-532 (1998).	
DG	CM1**	Gonzalez, Daniel S et al: "The Alpha-Mannosidases: Phylogeny and Adaptive Diversification" <i>Molecular Biology and Evolution</i> , vol.17, no.2, February 2000, pages 292-300, XP002293609 ISSN: 0737-4038	
DG	CN1**	Graham et al., "Compartmental Organization of Golgi-specific Protein Modification and Vacuolar Protein Sorting Events Defined in Yeast <i>sec18</i> (NSF) Mutant," <i>J. Cell. Biol.</i> , 114(2): 207-218 (1991).	
DG	CO1**	Grard et al., "Oligomannosides or Oligosaccharide-lipids as Potential Substrates for Rat Liver Cytosolic α -D-Mannosidase," <i>Biochem. J.</i> , 316: 787-792 (1996)	

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DG	CP1**	Guillen et al., "Mammalian Golgi apparatus UDP-N-acetylglucosamine transporter: Molecular Cloning by Phenotypic Correction of a Yeast Mutant," <i>Proc. Natl. Acad. Sci. USA</i> , 95(14):7888-7892 (1998).	
DG	CQ1**	Hamilton et al., "Production of Complex Human Glycoproteins in Yeast," <i>Science</i> 301:1244-1246 (2003).	
DG	CR1**	Harkki et al., "A Novel Fungal Express System - Secretion of Active Calf Chymosin from the Filamentous Fungus <i>Trichoderma-Reesei</i> ," <i>Bio-Tech</i> 7:596-603 (1989).	
DG	CS1**	Harris B.R.: "Caenorhabditis Elegans Cosmid F58H1" XP002293610, Protein F58H1.1, Abstract, Database EMBL 13 July 1996	
DG	CT1	Herscovics, "Processing glycosidases of <i>Saccharomyces cerevisiae</i> ," <i>Biochim. Biophys. Acta</i> 1426:275-285 (1999)	
DG	CU1	Hiraizumi et al., "Characterization of Endomannosidase Inhibitors and Evaluation of Their Effect on N-Linked Oligosaccharide Processing during Glycoprotein Biosynthesis," <i>J. Biol. Chem.</i> 268(13):9927-9935 (1993)	
DG	CV1	Hiraizumi et al., "Ligand Affinity Chromatographic Purification of Rat Liver Golgi Endomannosidase," <i>J. Biol. Chem.</i> 269(7):4697-4700 (1994)	
DG	CW1**	Ichishima et al., "Molecular and Enzymic Properties of Recombinant 1,2- α -Mannosidase from <i>Aspergillus saitoi</i> Overexpressed in <i>Aspergillus oryzae</i> Cells," 1999; <i>Biochem. J.</i> , 339(Pt 3): 589-597.	
DG	CX1**	Ishida et al., "Molecular Cloning and Functional Expression of the Human Golgi UDP-N-Acetylglucosamine Transporter," <i>J. Biochem.</i> , 126(1):68-77 (1999).	
DG	CY1**	Jarvis et al., "Isolation and Characterization of a Class II α -mannosidase cDNA from Lepidopteran Insect Cells," <i>Glycobiology</i> , 1997; 7(1):113-127 (1997).	
DG	CZ1**	Jarvis et al., "Engineering N-glycosylation pathways in the baculovirus-insect cell system," <i>Curr Opin Biotechnol</i> 9(5): 528-33 (1998).	
DG	CA2**	Kainuma et al., "Coexpression of α 1,2 galactosyltransferase and UDP-galactose transporter efficiently galatosylates N- and O-glycan in <i>Saccharomyces cerevisiae</i> ," <i>Glycobiology</i> , 9(2): 133-141 (1999).	
DG	CB2**	Kalsner et al., "Insertion into <i>Aspergillus nidulans</i> of functional UDP-GlcNAc: α 3-D-mannoside β -1,2-N-acetylglucosaminyl-transferase I, the enzyme catalysing the first committed step from oligomannose to hybrid and complex N-glycans," <i>Glycoconj. J.</i> , 12(3):360-370 (1995).	
DG	CC2**	Kawar et al., "Insect Cells Encode a Class II α -Mannosidase with Unique Properties," <i>J. Biol. Chem.</i> , 276(19):16335-16340 (2001).	
DG	CD2**	Khatra et al., "Some kinetic properties of human milk galactosyltransferase," <i>Eur. J. Biochem.</i> 44:537-560 (1974).	
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DG	CE2**	Krezdorn et al., "Human β 1,4 galactosyltransferase and α 2,6 sialyltransferase expressed in <i>Saccharomyces cerevisiae</i> are retained as active enzymes in the endoplasmic reticulum," <i>Eur. J. Biochem.</i> , 220(3): 809-17 (1994).	
DG	CF2	Kyte and Doolittle, "A Simple Method for Displaying the Hydropathic Character of a Protein," <i>J. Mol. Biol.</i> 157:105-132 (1982)	
DG	CG2**	Lal et al., "Isolation and Expression of Murine and Rabbit cDNAs Encoding an α 1,2-Mannosidase Involved in the Processing of Asparagine-Linked Oligosaccharides," <i>J. Biol. Chem.</i> , 1994. 269(13): 9872-9881.	
DG	CH2**	Lal et al. "Substrate Specificities of Recombinant Murine Golgi α 1,2-Mannosidase IA and IB and Comparison with Endoplasmic Reticulum and Golgi Processing α 1,2-Mannosidases," <i>Glycobiology</i> 8(10):981-995, 1998.	
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DG	CJ2**	Lehle and Tanner, "Membrane-Bound Mannosyl Transferase in Yeast Glycoprotein Biosynthesis," <i>Biochem. Biophys. Acta</i> , 350(1): 225-235, 1974.	
DG	CK2**	Lu et al., "Cloning and Disruption of the b-Isopropylmalate Dehydrogenase Gene of <i>Pichia Stipitis</i> with URA3 and Recovery of the Double Auxotroph," <i>Appl. Microbiol. Biotechnol.</i> , 49 (2): 141-146 (1998).	
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DG	CM2**	Lussier et al., "The KTR and MNMI mannosyltransferase families of <i>Saccharomyces cerevisiae</i> ," <i>Biochimica et Biophysica Acta</i> 1426: 323-334 (1999).	
DG	CN2**	Malissard et al., "Expression of functional soluble forms of human beta-1, 4-galactosyltransferase I, alpha-2-6-sialyltransferase, and alpha-1, 3-fucosyltransferase VI in the methylotrophic yeast <i>Pichia pastoris</i> ," <i>Biochem Biophys Res Commun</i> 267(1): 169-173 (2000).	
DG	CO2**	Maras et al., "In vitro conversion of the carbohydrate moiety of fungal glycoproteins to mammalian-type oligosaccharides," <i>Eur. J. Biochem.</i> , 249: 701-707 (1997).	
DG	CP2**	Maras et al., "Filamentous fungi as production organisms for glycoproteins of bio-medical interest," <i>Glycoconjugate Journal</i> , 16:99-107 (1999)	
DG	CQ2**	Maras et al., "Molecular Cloning and Enzymatic Characterization of a <i>Trichoderma reesei</i> 1,2-alpha-D-mannosidase," <i>J. Biotechnol.</i> , 77(2-3):255-263, 2000.	

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DG	CR2**	Martinet et al., "Modification of the protein glycosylation pathway in the methylotrophic yeast <i>Pichia pastoris</i> ," <i>Biotechnology Letters</i> 20(12): 1171-1177 (1998).	
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DG	CX2	Moens and Vanderleyden, "Glycoproteins in prokaryotes," <i>Arc. Microbiol.</i> 168:169-175 (1997)	
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DG	CZ2**	Moremen, "Golgi α -mannosidase II deficiency in vertebrate systems: implications for asparagine-linked oligosaccharide processing in mammals," <i>Biochimica Biophysica Acta</i> , 1573: 225-235 (2002).	
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DG	CE3**	Moremen et al., "Glycosidases of the Asparagine-Linked Oligosaccharide Processing Pathway," <i>Glycobiology</i> 4(2): 113-125 (1994).	
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DG	CP3**	Raju et al., "Analysis of glycoconjugates," <i>Anal Biochem.</i> 283(2): 123-124 (2000).	

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DG	CQ3	Ray et al., "A Novel Glycosylation Phenotype Expressed by Lec23, a Chinese Hamster Ovary Mutant Deficient in α -Glucosidase I," <i>J. Biol. Chem.</i> 255(34):22818-22825 (1991)	
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DG	CS3**	Ren et al., "Purification and Properties of a Golgi-Derived (α 1,2)-mannosidase-I from Baculovirus-infected Lepidopteran Insect Cells (IPLB-SF21AE) with Preferential Activity Toward Mannose6-N-Acetylglucosamine2," <i>Biochem.</i> , 34(8): 2489-2495.	
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DG	CU3**	Romero et al., "Ktr1P is an α -1,2-mannosyltransferase of <i>Saccharomyces cerevisiae</i> ," <i>Biochem. J.</i> , 321 (Pt 2): 289-295 (1997).	
DG	CV3**	Romero et al., "Mutation of Arg ²⁷³ to Leu Alters the Specificity of the Yeast N-Glycan Processing Class I α 1,2-Mannosidase," <i>J. Biol. Chem.</i> , 275(15):11071-11074 (2000).	
DG	CW3	Roth et al., "The role of glucosidase II and endomannosidase in glucose trimming of asparagines-linked oligosaccharides," <i>Biochimie</i> 85:287-294	
DG	CX3**	Ruther et al., "c-fos expression interferes with thymus development in transgenic mice," <i>Cell</i> 53(6): 847-856 (1988).	
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DG	CB4**	Schneikert et al., "Characterization of a Novem Mouse Recombinant Processing alpha-mannosidase," <i>Glycobiology</i> , 4(4):445-450 (1994).	
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DG	CD4**	Segawa et al., "Schizosaccharomyces pombe UDP-galactose transporter: identification of its functional form through cDNA cloning and expression in mammalian cells," <i>FEBS Letters</i> , 451(3): 295-298 (1999).	
DG	CE4**	Shinn et al: "Arabidopsis Thaliana AT5g14950/F2G14_70 mRNA, complete cds." XP002293612, Database accession no. AY052707, Abstract, Database EMBL	
DG	CF4**	Sikorski et al., "A system of shuttle vectors and yeast host strains designed for efficient manipulation of DNA in <i>Saccharomyces cerevisiae</i> ," <i>Genetics</i> 122(1): 19-27 (1989).	
DG	CG4**	Soderholm et al. "Vector for pop-in/pop-out Gene Replacement in <i>Pichia pastoris</i> ," <i>Biotechniques</i> , 31 (2):306-10 (2001).	
DG	CH4**	Sommers et al., "Transport of Sugar Nucleotides into Rat Liver Golgi," <i>J. Cell Biol.</i> , 91(2): A406-A406 (1981).	
DG	CI4**	Sommers et al., "Transport of Sugar Nucleotides into Rat Liver Golgi. A New Golgi Marker Activity," <i>J Biolog Chem</i> , 257(18): 10811-10817 (1982).	
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DG	CT4**	Swiss Prot P53008	

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DG	CV4**	Umaña et al., "Engineered Glycoforms of an Antineuroblastoma IgG1 with Optimized Antibody-Dependent Cellular Cytotoxic Activity," <i>Nature Biotechnology</i> , 17(1):176-80 (1999).	
DG	CW4**	Ware et al., "Expression of Human Platelet Glycoprotein Ib-Alpha in Transgenic Mice," <i>Thrombosis and Haemostasis</i> 69(6): 1194-1194 (1993).	
DG	CX4**	Weikert et al., "Engineering Chinese Hamster Ovary Cells to Maximize Sialic Acid Content of Recombinant Glycoproteins", <i>Nature Biotechnology</i> , 17(11): 1116-1121, November, 1999.	
DG	CY4**	Werner et al., "Appropriate Mammalian Expression Systems for Biopharmaceuticals," <i>Arzneimittelforschung</i> , 1998, Aug;48(8):870-80.	
DG	CZ4**	Wiggins et al., "Activity of the yeast MNN1 alpha-1,3-mannosyltransferase requires a motif conserved in many other families of glycosyltransferases," <i>Proc. Natl. Acad. Sci. USA</i> 95(14): 7945-7950 (1998).	
DG	CA5**	Yamashita et al., "An α -Mannosidase purified from <i>Aspergillus Saitoi</i> is specific for α 1,2 linkages," <i>Biochemical and Biophysical Research Communications</i> 96(3): 1335-1342.	
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DG	CC5**	Yang et al., "Effects of Ammonia on CHO Cell Growth, Erythropoietin Production, and Glycosylation", <i>Biotechnol Bioeng.</i> , 68(4): 370-80 (2000).	
DG	CD5**	Yip et al., "Cloning and analysis of the <i>Saccharomyces cerevisiae</i> MNN9 and MNN1 genes required for complex glycosylation of secreted proteins," <i>Proc. Natl. Acad. Sci. USA</i> , 91(7): 2723-2727 (1994).	
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DG	CF5**	Yoshida et al., "1-2-alpha-D- mannosidase from <i>Penicillium citrinum</i> : molecular and enzymic properties of two isoenzymes," <i>Biochem. J.</i> 290 (Pt2): 349-354 (1993).	
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DG	CH5	Zuber et al., "Golgi Apparatus Immunolocalization of Endomannosidase Suggests Post-Endoplasmic Reticulum Glucose Trimming: Implications for Quality Control," <i>Mol. Bio. of the Cell</i> , 11:4227-4240 (2000)	
	CI5**	Genbank Accession No. AF005034	
	CJ5**	Genbank Accession No. AF106080	
	CK5**	Genbank Accession No. AK116684	
	CL5**	Genbank Accession No. D55649	
	CM5**	Genbank Accession No. NM 073594	
	CN5**	Genbank Accession No. NM 121499	
	CO5**	Genbank Accession No. U31520	
	CP5**	Genbank Accession No. X77652	
	CQ5**	Genbank Accession No. XM 218816	
	CR5**	Genbank Accession No. NM 002406	
	CS5**	Genbank Accession No. CAA98114	
	CT5**	Genbank Accession No. NM 088548 (Genbank AN 6678787)	
	CU5**	Genbank Accession No. NM006715	
	CV5**	Genbank Accession No. X77652	
	CW5**	Genbank Accession No. X61172	
DG	CX5**	Genbank Accession No. NM 000528	

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